POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Revocation of Power of Attorney with New Power of Attorney

PixArt Imaging Inc., as assignee of record of the entire right, title and interest in each of the patent application(s) or patent(s) listed as below, hereby revoke all powers of attorney previously given in each of the listed patent application(s) or patent(s) and appoint all practitioners associated with the Customer Number:

27765

as the attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all of the listed patent application(s) and patent(s).

Please recognize or change the correspondence address for the above-identified application to the address associated with the above-mentioned Customer

Statement under 37 CFR 3.73(b)

I hereby state that, as required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. The chain of title is indicated as below

				Ch	Chain of Title	
Filing Date		Title	No.	from	to	Reel/Frame No.
				GORDON, GARY B.		
09/052,046 1998/03/30 Proximity Detector F	Proximity Detector F	For A "Seeing Eye Mouse"	\leftarrow	KNEE, DEREK L. BADYAL, RAJEEV	HEWLETT-PACKARD COMPANY	009358/0819
				HARTIOVE, JASON T.		
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
				HEWLETT-PACKARD	AGILENT TECHNOLOGIES INC.	1000 CA 20 COOL
			က	COMPANY	HEWLETT-PACKARD COMPANY	0500/647710
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.	015232/0278
			1			

015980/0930	017057/0001	017207/0020	. 017083/0476	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017083/0476 LTD.	PixArt Imaging Inc.
HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. L.P. I.P. INC.	AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.
r)	9	7	∞	6

		SPRING HVF MOLISH FOR A COMPUTER		GORDON, GARY B. KNEE, DEREK L.	HEWLETT-PACKARD	000358 / 0819
09/753,805	09/753,805 2001/01/02	SYSTEM	-	BADYAL, RAJEEV HARTIOVE, JASON T.	COMPANY	700/00000
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			<i>г</i> о	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4 AC	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES, INC.	015756/0860
			D	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.	015232/0278

AGILENT TECHNOLOGIES HEWLETT-PACKARD INC. COMPANY, L.P. HEWLETT-PACKARD
ECHI INC. T-PA ENT
AGILENT TECHNOLOGIES, INC.
AGILENT TECHNOLOGIES, INC.
AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.
AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.

BROSNAN, MICHAEL J. WALLEY, THOMAS M. ANDERSON, MARK A. MISEK, BRIAN J. DAVIS, JEFFREY BROSNAN, MICHAEL J. WALLEY, THOMAS M. AGILENT TECHNOLOGIES, RISEK, BRIAN J. MISEK, BRIAN J. MISEK, BRIAN J. NORSKOG, ALLEN C. GENERAL IP PTE. LTD.			11	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation
MISEK, BRIAN J. MISEK, BRIAN J. NORSKOG, ALLEN C. BROSNAN, MICHAEL J. WALLEY, THOMAS M. AGILENT TECHNOLOGIES, ANDERSON, MARK A. MISEK, BRIAN J. NORSKOG, ALLEN C. AGILENT TECHNOLOGIES, GENERAL IP PTE. LTD.						
MISEK, BRIAN J. NORSKOG, ALLEN C. DAVIS, JEFFREY BROSNAN, MICHAEL J. WALLEY, THOMAS M. AGILENT TECHNOLOGIES, ANDERSON, MARK A. MISEK, BRIAN J. NORSKOG, ALLEN C. AGILENT TECHNOLOGIES INC. GENERAL IP PTE. LTD.	One Chip USB Optical Mouse Sensor Solution	se 5			AGILENT TECHNOLOGIES, INC.	012349/0700
NORSKOG, ALLEN C. DAVIS, JEFREY BROSNAN, MICHAEL J. WALLEY, THOMAS M. AGILENT TECHNOLOGIES, ANDERSON, MARK A. MISEK, BRIAN J. NORSKOG, ALLEN C. AGILENT TECHNOLOGIES AVAGO TECHNOLOGIES INC. GENERAL IP PTE. LTD.				MISEK, BRIAN J.		
DAVIS, JEFFREY BROSNAN, MICHAEL J. WALLEY, THOMAS M. AGILENT TECHNOLOGIES, INC. AMISEK, BRIAN J. NORSKOG, ALLEN C. AGILENT TECHNOLOGIES INC. GENERAL IP PTE. LTD.				NORSKOG, ALLEN C.		
BROSNAN, MICHAEL J. WALLEY, THOMAS M. AGILENT TECHNOLOGIES, ANDERSON, MARK A. INC. MISEK, BRIAN J. NORSKOG, ALLEN C. AGILENT TECHNOLOGIES INC. GENERAL IP PTE. LTD.				DAVIS, JEFFREY		
WALLEY, THOMAS M. AGILENT TECHNOLOGIES, ANDERSON, MARK A. INC. MISEK, BRIAN J. NORSKOG, ALLEN C. AGILENT TECHNOLOGIES, INC. GENERAL IP PTE. LTD.				BROSNAN, MICHAEL J.		
ANDERSON, MARK A. MISEK, BRIAN J. NORSKOG, ALLEN C. AGILENT TECHNOLOGIES, AVAGO TECHNOLOGIES INC. GENERAL IP PTE. LTD.			•		AGILENT TECHNOLOGIES,	014492 / 0792
MISEK, BRIAN J. NORSKOG, ALLEN C. AGILENT TECHNOLOGIES, AVAGO TECHNOLOGIES INC. GENERAL IP PTE. LTD.			4		INC.	77.10 /77.110
AGILENT TECHNOLOGIES, AVAGO TECHNOLOGIES INC. GENERAL IP PTE. LTD.				MISEK, BRIAN J.		
AGILENT TECHNOLOGIES, AVAGO TECHNOLOGIES INC. GENERAL IP PTE. LTD.				NORSKOG, ALLEN C.		
			8	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666

	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	
	AGILENT TECHNOLOGIES 5 INC.	HEWLETT-PACKARD DEVELOPMENT	015980/0930
	DEVELOPMENT COMPANY, L.P. DEVELOPMENT COMPANY, AGILENT TECHNOLOGIES, L.P. INC.	COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	
	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017207/0020
	AVAGO TECHNOLOGIES 8 GENERAL IP (SINGAPORE) PTE. LTD.	CITICORP NORTH AMERICA, INC.	017207/0882
	AVAGO TECHNOLOGIES 9 GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017083/0476 LTD.	017083/0476

attached and concurrently submitted for recordation	013991/0799	017206/0666	017675/0518	attached and concurrently submitted for recordation
PixArt Imaging Inc.	AGILENT TECHNOLOGIES, 013991/0799 INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017675/0518 LTD.	PixArt Imaging Inc.
AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	BAHARAV, IZHAK BLALOCK, TRAVIS N. MACHIDA, AKIHIRO SMITH, GEORGE E. ANG, JIN KJONG	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.
10	F-1	7	3	4
		Imaging System And Apparatus For Combining Finger Recognition And Finger Navigation		
		2003/04/18		
		10/419,226		

014326/0255	017206/0666	. 017675/0518	attached and concurrently submitted for recordation			
AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) ECBU IP (SINGAPORE) PTE. 017675/0518 PTE. LTD.	PixArt Imaging Inc.			
BANEY, DOUGLAS M. DEPUE, MARSHALL T. AGILENT TECHNOLOGIES AVAGO TECHNOLOGIES GENERAL IP PITE. LTD. AVAGO TECHNOLOGIES AVAGO TECHNOLOGIES AVAGO TECHNOLOGIES AVAGO TECHNOLOGIES AVAGO TECHNOLOGIES AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PITE. LTD. LTD. LTD. PixArt Imaging Inc.						
L 0 6 4						
	Low power consumption, broad navigability	optical mouse				
		2003/10/30				
		10/697,421 2003/10/30				

014857/0625		017206/0666	017675/0518	attached and concurrently submitted for recordation	
AGILENT TECHNOLOGIES, 014857/0625 INC.		AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017675/0518 LTD.	PixArt Imaging Inc.	
MOYER, VINCENT C. BUTTEROWORTH, MARK M. BROSNAN, MICHAEL GREWAL, ROOPINDER SINGH WELCH, PAUL DEPUE, MARSHALL T. XIE, TONG AGILENT TECHNOLOGIES, INC. AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD. AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE.					
1 2 & 4					
	Contaminant-Resistant Optical Mouse And	Cradle			
		10/806,367 2004/03/22			
		10/806,367			

009358/0819	010759/0049	012143/0895	015232/0278	015980/0930
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.
GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY COMPANY, L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. INC. I.P. INC.
1	2	n	4	rC
"Seeing Eye" Mouse For A Computer System				
11/022,183 2004/12/23				
11/022,183				

OLOGIES 017057/0001 TE. LTD.	VOLOGIES 017206/0666 TE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017083/0476 LTD.	attached and concurrently submitted for recordation	ACKARD 009358/0819 NY	ACKARD 010759/0049
AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.		PixArt Imaging Inc.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY
AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY
9	7	00	6	H	7
				Optical Mouse with Uniform Level Detection	
				2005/06/08	
	<i>-</i>			11/147,838	

HEWLETT-PACKARD COMPANY COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. L.P. L.P. AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES	INC. 012143/0895 HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT 015980/0930	COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES 017057/0001 GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES 017206/0666	GENERAL IF FIE. LID.
E 4 E	V		HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY		COMPANY, L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, AGILENT TECHNOLOGIES, L.P. INC.	AGILENT TECHNOLOGIES, INC.	ļ	
		n	4		I.O.		9		

attached and concurrently submitted for recordation	009358/0819	010759/0049	012143/0895	015232/0278
PixArt Imaging Inc.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.
AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY
6		2	m	4
	Method of Operating an Optical Mouse			
	11/154,007 2005/06/15			
	11/154,007			

NOLOGIES, AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	OGIES, AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	SIES AVAGO TECHNOLOGIES ORE) ECBU IP (SINGAPORE) PTE. 017083/0476 LTD.	ES PixArt Imaging Inc.
NOLOGIES,	OGIES,	SIES ORE)	ES TE.
AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.
9	7	∞	6
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009358/0819	010759/0049	012143/0895	015232/0278	015980/0930
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.
GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. L.P. INC. INC.
Н	2	8	4	īC
OPTICAL MOUSE WITH UNIFORM LEVEL DETECTION METHOD				
11/154,008 2005/06/15				
11/154,008		·		

NOLOGIES 017057/0001 PTE. LTD.	NOLOGIES 017206/0666 PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017083/0476 LTD.	attached and concurrently submitted for recordation	AGILENT TECHNOLOGIES, 017141/0549 INC.	NOLOGIES 017206/0666 PTE. LTD.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) 017675/0001 PTE. LTD
AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE LTD.	PixArt Imaging Inc.	AGILENT TECHI	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	
AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHINOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	MAU, MING YONG CHAN, LYE HOCK BERNARD	AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES, INC.
9	7	∞	6	nt 1	2	r.
				Method And Device For Tracking Movement Between A Surface And An Imager		
				11/285,848 2005/11/22		
				11/285,848		

017675/0626	attached and concurrently submitted for recordation	018516/0336	concurrently submitted for recordation
AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017675/0626 LTD.	PixArt Imaging Inc.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 018516/0336 LTD. attached and	PixArt Imaging Inc.
AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	HOCK CHAN, BERNARD LYE LIEW, TONG SEN TAN, SHAN CHONG CHONG, LEAN LEAN CHEONG, KAI YIN TAI, LI CHONG	ECBU IP (SINGAPORE) PTE. LTD.
4	rv	Н	2
		Programmable Resolution For Optical Pointing Device	
		2006/09/08	
		11/518,341	

009358/0819	010759/0049	012143/0895	015232/0278	015980/0930
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC.	AGILENT TECHNOLOGIES, 015232/0278 INC.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC. AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.
GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. COMPANY, L.P. L.P. AGILENT TECHNOLOGIES, INC. GENERAL IP PTE. LTD.
Н	4	6	4	ο ο
METHOD OF OPERATING AN OPTICAL MOUSE				
2006/12/21				
11/614,958 2006/12/21				

OGIES 017207/0020 LTD.	OGIES E) PTE. 017083/0476	attached and concurrently submitted for recordation	ARD 009358/0819	ARD 010759/0049	LOGIES 012143/0895	AGILENT TECHNOLOGIES, 015232/0278 INC.
AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017083/0476 LTD.	PixArt Imaging Inc.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC.	AGILENT TECHNOI INC.
AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY
	∞	6		7	m	4
			Method of Operating an Optical Mouse			
			2007/10/30			
			11/929,606			

009358/0819	010759/0049	012143/0895	015232/0278	015980/0930
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES INC.
GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY COMPANY COMPANY L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. L.P. INC. INC.
-	74	ю.	4	rv
Method of Operating an Optical Mouse				
11/929,616 2007/10/30				
11/929,616				

PTE. LTD.	NOLOGIES 017207/0020 PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017083/0476 LTD.	attached and concurrently submitted for recordation	AGILENT TECHNOLOGIES, 014857/0625 INC.
AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE LTD.	PixArt Imaging Inc.	
AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	MOYER, VINCENT C. BUTTIEROWORTH, MARK M. BROSNAN, MICHAEL GREWAL, ROOPINDER SINGH WELCH, PAUL DEPUE, MARSHALL T.
9	^	∞	6	
				Contaminant-Resistant Optical Mouse And Cradle
				2008/06/10
				12/136,050

	2 AGILEN	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
	AVAG 3 GENER	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. 017675/0518 LTD.	017675/0518
	AVAG	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation
IMAGING AND NAVIGATION ARRANGEMENT FOR CONTROLLIN CURSOR	VGA 1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
	2 HEW	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
	3 HEW	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC.	012143/0895
	4 HEW	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.	015232/0278

015980/0930	017057/0001	017207/0020	017083/0476	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.
HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY COMPANY COMPANY, L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. L.P. INC.	AGILENT TECHNOLOGIES, AVAGO TECHNOLOGIES INC. GENERAL IP PTE. LTD.	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. 017083/0476 LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.
r.	9	^	∞	6

009358/0819	010759/0049	012143/0895	015232/0278	
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, 015232/0278 INC.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.
GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY, L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. L.P. INC. INC.
7-1	2	co	4	rv
METHOD AND ARRANGEMENT FOR TRACKING MOVEMENT RELATIVE TO A SURFACE				
2011/02/24				
13/034,242				

6 AGILENT TECHNOLOGIE INC.	AGILENT TECHNOLOGIES, AVAGO TECHNOLOGIES INC. GENERAL IP PTE. LTD.	017057/0001
AGILENT TECHNOLOGIE INC.	AGILENT TECHNOLOGIES, AVAGO TECHNOLOGIES INC. GENERAL IP PTE. LTD.	017207/0020
AVAGO TECHNOLOGIES 8 GENERAL IP (SINGAPORI PTE. LTD.	AVAGO TECHNOLOGIES AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) ECBU IP (SINGAPORE) PTE. 017083/0476 PTE. LTD.	. 017083/0476
AVAGO TECHNOLOGIES 9 ECBU IP (SINGAPORE) PTE. LTD.	PIXART IMAGING, INC.	028847/0234

Pursuant to 37 CFR 3.71, I hereby state the prosecution of the listed application(s) or reexamination of the listed patent(s) is to be conducted to the exclusion of both the inventor(s) and previous assignee(s).

The undersigned is authorized to act on behalf of the assignee.

Sen-Huang Huang Signature

Name

Title

2102/81/09

Date

President

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Form of Recordable Patent Assignment and Reservation

WHEREAS, in consideration of One Dollar(\$1.00) and other goods and valuable considerations, the receipt of which is hereby acknowledged, and subject to the reservations stated in the Patent Assignment Agreement, between parties,

Avago Technologies ECBU IP (Singapore) Pte. Ltd., a corporation organized and existing under the laws of SINGAPORE,

(hereinafter "ASSIGNOR(S)")

HEREBY grant(s) and assign(s) to

PixArt Imaging Inc., a corporation organized and existing under the laws of TAIWAN.

(hereinafter "ASSIGNEE(S)")

all of the ASSIGNOR(S)'s rights, title and interest in and to the United States Letters Patent(s) and patent application(s) identified in Exhibit A attached hereto, (hereinafter, collectively, "ASSIGNED PATENT(S)"), to have and to hold the same, unto ASSIGNEE(S) for his/their own use and enjoyment and for the use and enjoyment of his/their successors and assigns, including all damages for infringement of any of the ASSIGNED PATENT(S) and the sole right to sue therefore under such ASSIGNED PATENT(S), for the full term(s) of all such ASSIGNED PATENT(S), subject to all rights granted under the ASSIGNED PATENT(S) to third parties by ASSIGNOR(S) prior to the effective date of the said Patent Assignment Agreement.

ASSIGNOR(S) hereby reserve(s) and retain(s). for the benefit of himself/themselves and his/their subsidiaries and their successors and assigns, the rights and licenses set forth in the Patent Assignment Agreement.

Avago Technologies ECBU IP (Singapore) Ptc. Ltd.

(Assignor)

Name: Pe-Wynn Kin

Fitle: Corporate Secretary

18 OCT 2012

PixArt Imaging Inc. (Assignee)

Signature: 7

Name: Sen-Huarg Huang

Title: President

Date: 10/18/2012

Exhibit A

United States Patent Application(s)

Serial No.	Application No.	Filing Date	Assignor		Assignee	
			Name	Interest(%)	Name	Interest(%)
1	11/614,958	2006/12/21	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PlxArt Imaging Inc.	100%
2	12/136,050	2008/06/10	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%

United States Letters Patent(s)

Serial No.	Patent No.	Issue Date	Assignor		Assignee	
Senai No.			Name	Interest(%)	Name	Interest(%)
1	6,281,882	2001/08/28	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
2	6,433,780	2002/08/13	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	190%
3	6,950,094	2005/09/27	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
4	7,116,427	2006/10/03	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
5	7,126,585	2006/10/24	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
6	7,193,203	2007/03/20	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%

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7	7,274,808	2007/09/25	Avago Technologies ECBU IP (Singapore) Ple. Ltd.	100%	PixArt Imaging Inc.	100%
8	7,474,297	2009/01/06	Avago Technologies ECBU IP (Singapore) Pte, Ltd.	100%	PixArt Imaging Inc.	100%
9	7,643,007	2010/01/05	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
10	7,652,661	2010/01/26	Avago Technologies ECBU IP (Singapore) Pte, Ltd.	100%	PixArt Imaging Inc.	100%
11	7,791,590	2010/09/07	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
12	7,800,585	2010/09/21	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
13	7,808,485	2010/10/05	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
14	7,889,178	2011/02/15	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
15	7,907,120	2011/03/15	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
16	8,212,778	2012/07/03	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%

End of Exhibit A